



MAIL STOP PCT IFW

Docket No. 285507US0PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Tadaaki KANEKO, et al.

SERIAL NO: 10/566,652

GAU:

FILED: February 1, 2006

EXAMINER:

FOR: TANTALUM CARBIDE, METHOD FOR PRODUCING TANTALUM CARBIDE, TANTALUM CARBIDE WIRING AND TANTALUM CARBIDE ELECTRODE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
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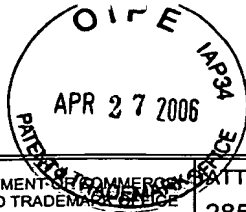
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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK SERVICEPATENT DOCKET NO.
285507US0PCTSERIAL NO.
10/566,652

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT
Tadaaki KANEKO, et al.FILING DATE
February 1, 2006

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5 383 981	01/24/95	DE PRUNEDA, Jean A. H			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AN	6-49619	02/22/94	JP (equivalent of US5 372 655)		NO
	AO	56-79449	06/30/81	JP (equivalent of US4 333 226)		NO
	AP	6-87656	03/29/94	JP		NO
	AQ	2000-44222	02/15/00	JP		NO
	AR	8-64110	03/08/96	JP		NO
	AS	7-330351	12/19/95	JP		NO
	AT	10-245285	09/14/98	JP		NO
	AU	2000-265274	09/26/00	JP		NO
	AV	11-116399	04/27/99	JP		NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	ROCHER, M. et al., "Modelling of the growth of carbide layers in tantalum", Key Engineering Materials, Vols. 206-213, Part 1, Pages 527-530, 2002.				
	AX	KHARATYAN, S.L. et al., "Kinetics of Tantalum Carbideization", Soviet Journal of Chemical Physics, Vol. 8, Part 8, Pages 1881-1892, 1991.				
	AY	TSUTSUMOTO, Takahiro et al., "Improvement of Ta filament for diamond CVD", Thin Solid Films, Vol. 317, Pages 371-375, 1998.				
	AZ					<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PCT Application Serial No: 10/566,652

Filed: February 1, 2006

Tadaaki KANEKO, et al.

Docket No. 285507 US

STATEMENT OF RELEVANCY

- 1) References AA, AN - AO & AW - AY have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References have been cited in the corresponding Search Report. A copy of these references is being submitted herewith.
- 3) References AP - AV are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References are additional prior art known to Applicant. A copy of these references is being submitted herewith.